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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: KIM, Jong Hak et al.

Confirmation No.:

Serial No.: Not yet assigned

Art Unit: Not yet assigned

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For: FACILITATED TRANSPORT
MEMBRANES COMPRISING A
POROUS SUPPORTED
MEMBRANE AND A TRANSITION
METAL SALT-POLYMER
MIXTURE MEMBRANE
CONTAINING TRANSITION
METAL SALT AND POLYMER
CAPABLE OF PHYSICALLY
DISPERSING THE SALT

Attorney Docket No: 008111-0038-999

REVOCATION AND POWER OF ATTORNEY

Commissioner for Patents
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Alexandria, VA 22313-1450

S I R:

The undersigned, owner of the entire right, title and interest in, to and under the invention described and claimed in the above-identified patent application hereby revokes all previous powers of attorney and appoints Gidon D. Stern (Reg. No. 27469), Brian M. Poissant (Reg. No. 28462), Rory J. Radding (Reg. No. 28749), Thomas E. Friebe (Reg. No. 29258), Laura A. Coruzzi (Reg. No. 30742), Geraldine F. Baldwin (Reg. No. 31232), Samuel B. Abrams (Reg. No. 30605), Adriane M. Antler (Reg. No. 32605), Thomas G. Rowan (Reg. No. 34419), James G. Markey (Reg. No. 31636), Ann L. Gisolfi (Reg. No. 31956), Francis D. Cerrito (Reg. No. 38100), Anthony M. Insogna (Reg. No. 35203), Brian M. Rothery (Reg. No. 35340), Nikolaos C. George (Reg. No. 39201), Ognjan V. Shentov (Reg. No. 38051), Kenneth L. Stein (Reg. No. 38704), Henry C. Lebowitz (Reg. No. 36196), Leo Merken (Reg. No. 41192), Karen G. Horowitz (Reg. No. 35199), and T. Christopher Tsang (Reg. No. 40258), all of Jones Day, whose addresses are 222 East 41st Street, New York, New York 10017, 51 Louisiana Avenue, N.W., Washington, DC 20001, 12750 High Bluff Drive, Suite 300, San Diego, California 92130, and 555 California Street, San Francisco, California 94104, and each of them, its attorneys, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith.

Please direct all future correspondence to Jones Day, located at 222 East 41st Street, New York, New York 10017, and direct all telephone calls to Jones Day at (212) 326-3939.

Customer Number: 20583

Respectfully submitted,

Date: February 3, 2004

A handwritten signature in black ink, appearing to read 'Kyeongnam', followed by a large, stylized circular flourish.

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